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**From:** Barton-Maclaren, Tara (HC/SC) [tara.barton-maclaren@canada.ca]  
**Sent:** 10/2/2020 4:05:32 AM  
**To:** Thomas, Russell [Thomas.Russell@epa.gov]; Gwinn, Maureen [gwinn.maureen@epa.gov]; RASENBERG Mike [Mike.RASENBERG@echa.europa.eu]  
**Subject:** APCRA Deck for Radiation - AOP workshop (Oct 7-8)  
**Attachments:** Barton-Maclaren-APCRA\_RAD-AOP workshop-2.ppt

Rusty, Mike and Maureen,

Attached is the APCRA deck for the Adverse Outcome Pathway Integration into Radiation Risk Assessment workshop happening next week (Oct 7-8). Any comments would be appreciated by end of day Monday October 5<sup>th</sup> as the organizers would like decks to them a little in advance of the workshop. Thanks to Mike and Maureen my job was easy this time! A majority of the slides are from the previous presentations; I've added a little Canadian flare on the front end and some additional reflections on the back.

Please let me know if there are any sensitivities with the content. These slides will be viewed by external to government participants and it is anticipated that the talks will be part of a workshop report for publication in the future.

Thanks for your time!  
Best,  
Tara

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*Tara Barton-Maclaren, PhD*

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**From:** Thomas, Russell <Thomas.Russell@epa.gov>  
**Sent:** 2020-09-17 8:01 AM  
**To:** Barton-Maclaren, Tara (HC/SC) <tara.barton-maclaren@canada.ca>; Gwinn, Maureen <gwinn.maureen@epa.gov>; RASENBERG Mike <Mike.RASENBERG@echa.europa.eu>  
**Subject:** RE: For your review: APCRA Abstract for AOP workshop

Tara,

I'm fine with the abstract. Thanks for sharing.

Rusty

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**From:** Barton-Maclaren, Tara (HC/SC) <tara.barton-maclaren@canada.ca>  
**Sent:** Wednesday, September 16, 2020 1:19 PM  
**To:** Gwinn, Maureen <gwinn.maureen@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; RASENBERG Mike <Mike.RASENBERG@echa.europa.eu>  
**Subject:** For your review: APCRA Abstract for AOP workshop

Hi All,

This workshop that I reached out to you on previously has been rescheduled and is now taking place October 7-8; you may have also received the invitation through OECD distribution emails.

In terms of the APCRA presentation, I've been asked to focus largely on the process side of the initiative (drivers, case studies and proposals, challenges, how it has advanced the science and strategy). They are interested in this from the perspective of whether they could expand the concept to radiation ie become a subgroup under the current structure or how they could create a similar initiative to meet their specific needs. Agenda is attached if you're interested in more detail of the workshop; the title for this presentation is: **Practical Approaches to Develop Case Studies**, Accelerating the pace of chemical risk assessment: what it is; who is involved; how the field of radiation would benefit from a similar set-up.

Below is the draft abstract for your review and input. Please let me know by end of week if possible if you have changes and over the next couple of weeks if you have any specific reflections that could be added in terms of how the field of radiation would benefit from a similar set up. I'm hoping to recycle presentations from the recent past, if I have your ok to use slides (I think Maureen and Mike have the most recent decks) and add a few HC specific perspective. Would be pleased to add anything else that you think would stimulate this discussion. I'll share a draft deck in advance for further input.

**Practical Approaches to Develop Case Studies: Perspectives from Accelerating the Pace of Chemical Risk Assessment**  
*Tara Barton-Maclaren, Existing Substances Risk Assessment Bureau, HECSB, Health Canada*

The global challenges that chemicals management faces, together with the modernization of many international chemicals management laws and policies and pressures to reduce animal testing have increased the demand for New Approach Methodologies (NAM) that will provide appropriate protection levels for human health and the environment. Advances in the development and application of NAM in various regulatory contexts hold promise to transform risk science. Yet there is first the need to build confidence and overcome important barriers to regulatory acceptance. The Accelerating the Pace of Chemical Risk Assessment (APCRA) is an international initiative that brings together a wide range of governmental agencies engaged in the development of new technologies, methods or approaches for hazard, exposure and risk assessment with the specific goal of practical implementation. The aim is to promote collaboration and dialogue on the scientific and regulatory needs for the application and acceptance of NAMs in regulatory decision-making. To achieve the goal of demonstrating robustness, reliability and readiness of non-animal based approaches, a number of case studies have progressed and new case studies introduced since the inception in 2016 to advance the field in a coordinated fashion. Importantly these need to have regulatory relevance, involve the use of NAMs, and engage multiple participating organizations. This presentation will highlight the merit of international collaboration, the science advances made under the APCRA to date and speak to the challenges and opportunities that remain in order to demonstrate utility to the broader scientific and regulatory communities.

Thanks!

Tara

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**From:** Barton-Maclaren, Tara (HC/SC)

**Sent:** 2020-02-21 1:06 PM

**To:** Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>; 'Thomas, Russell' <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; 'RASENBERG Mike'

<Mike.RASENBERG@echa.europa.eu>

**Subject:** FW: AOP workshop invitation

Hi Everyone,

I just received the invitation below to present on APCRA at a workshop aimed at the radiation community. My understanding is that the audience will include industry, university and government all with radiation background. Please let me know if you have any concerns.

Thanks,

Tara

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**From:** Chauhan, Vinita (HC/SC) <[vinita.chauhan@canada.ca](mailto:vinita.chauhan@canada.ca)>

**Sent:** 2020-02-21 9:54 AM

**To:** Barton-Maclaren, Tara (HC/SC) <[tara.barton-maclaren@canada.ca](mailto:tara.barton-maclaren@canada.ca)>

**Subject:** AOP workshop invitation

Dear Tara

I am organizing a workshop on AOPs to promote the concept to the radiation community in co-ordination with the Nuclear Energy Agency. The date is September 8,9th in Ottawa, Ontario. The purpose of the workshop is to bring the radiation, chemical and OECD AOP community together and find avenues to advance the concept, present experiences and ways to collaborate.

Would you be available to present your APCRA initiative, with specific focus on high-level description of developing collaborative projects across various expertise and using your case example, keeping in mind its to the radiation community ?

Looking forward to hearing back from you.

Many thanks,

Vinita